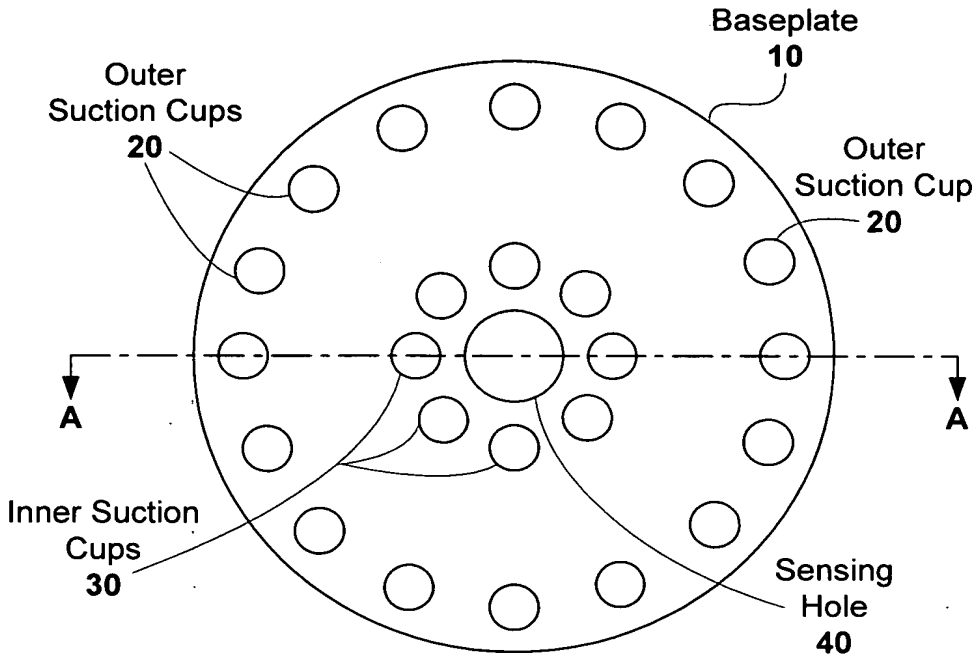
Baseplate
10
Outer
Suction Cups
20
Outer
Suction Cup
20
A
A
Inner Suction
Cups
30
Sensing
Hole
40

Fig. 1a

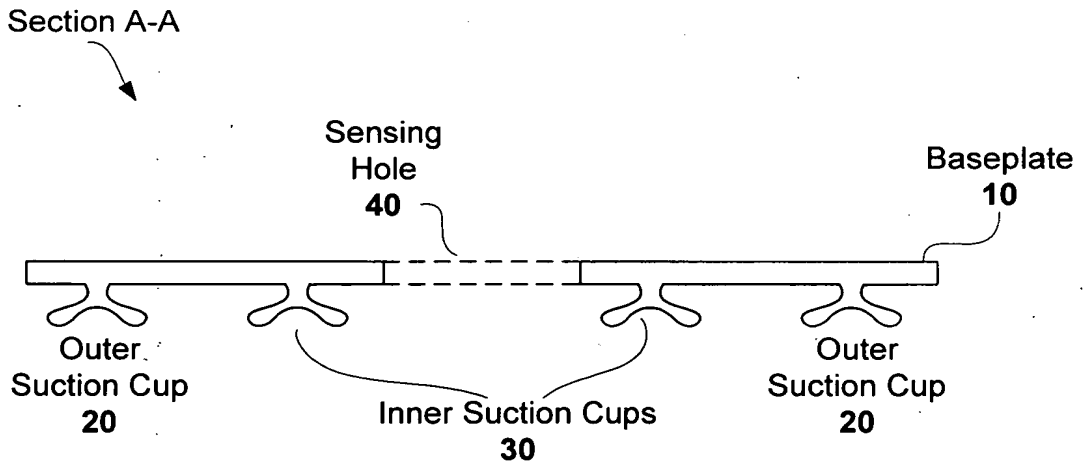
Section A-A
Sensing
Hole
40
Baseplate
10
Outer
Suction Cup
20
Inner Suction Cups
30
Outer
Suction Cup
20

Fig. 1b

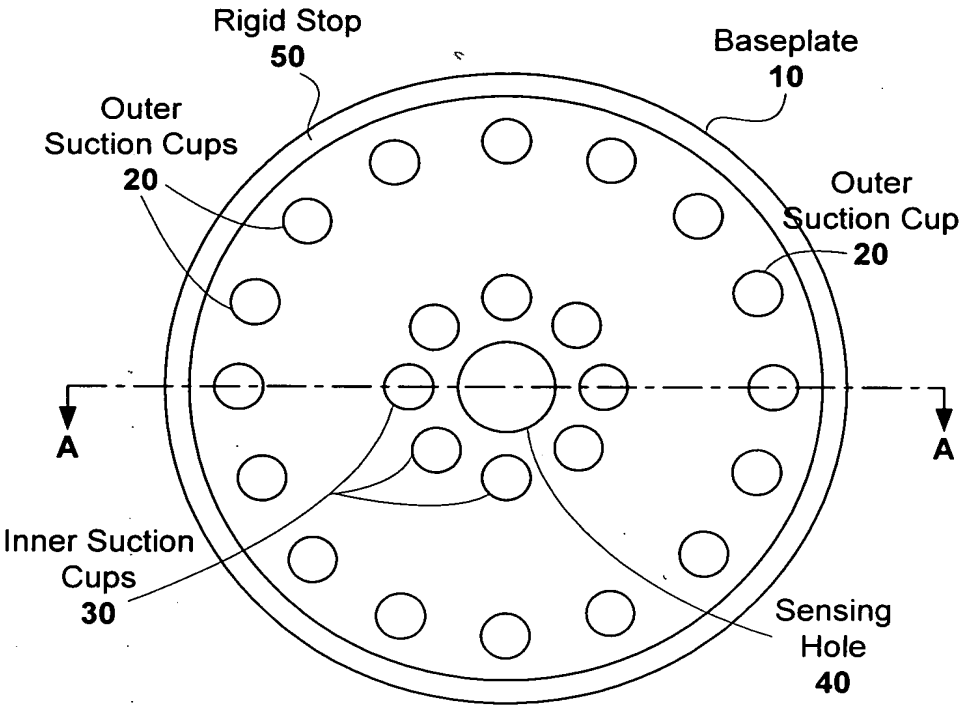
Rigid Stop
50
Baseplate
10
Outer
Suction Cups
20
Outer
Suction Cup
20
A
A
Inner Suction
Cups
30
Sensing
Hole
40

Fig. 2a

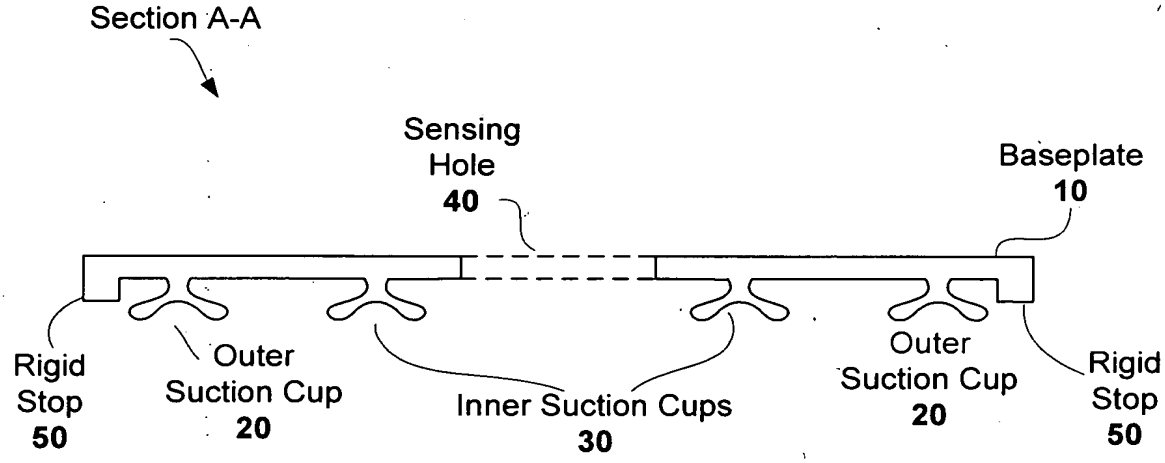
Section A-A
Sensing
Hole
40
Baseplate
10
Rigid
Stop
50
Outer
Suction Cup
20
Inner Suction Cups
30
Outer
Suction Cup
20
Rigid
Stop
50

Fig. 2b

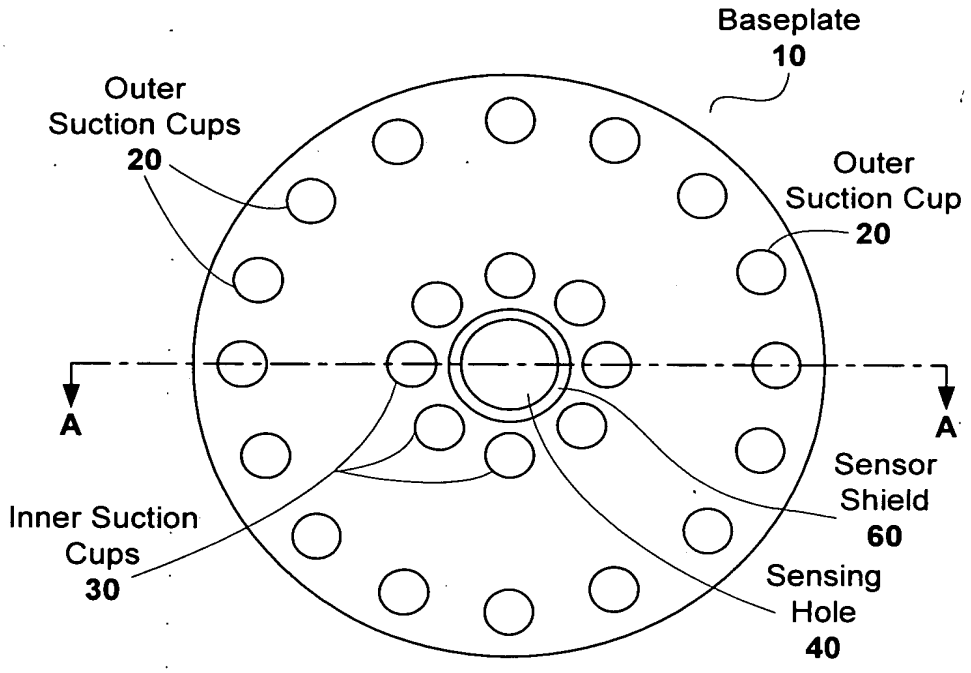
Baseplate
10
Outer
Suction Cups
20
Outer
Suction Cup
20
A
A
Sensor
Shield
60
Inner Suction
Cups
30
Sensing
Hole
40

Fig. 3a

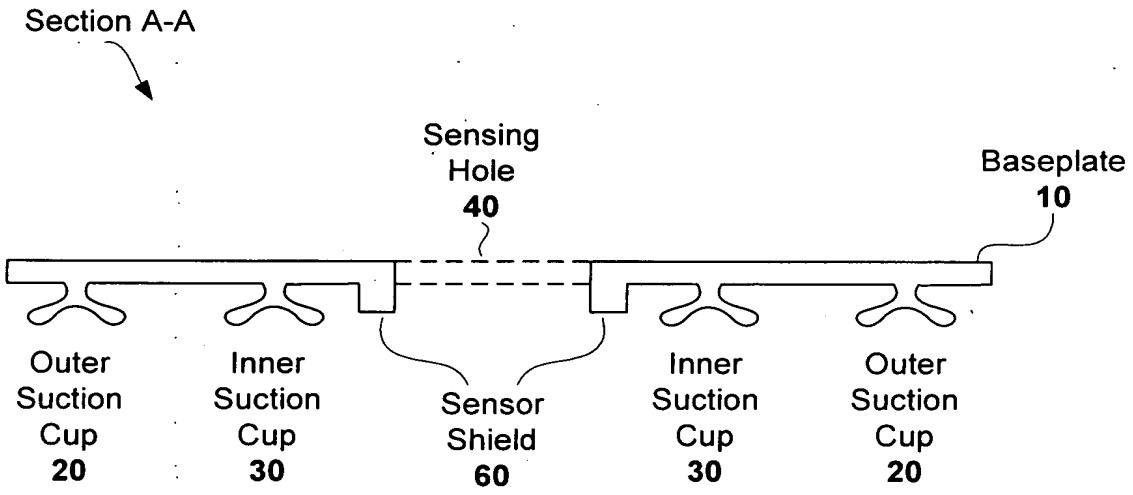
Section A-A
Sensing
Hole
40
Baseplate
10
Outer
Suction
Cup
20
Inner
Suction
Cup
30
Sensor
Shield
60
Inner
Suction
Cup
30
Outer
Suction
Cup
20

Fig. 3b

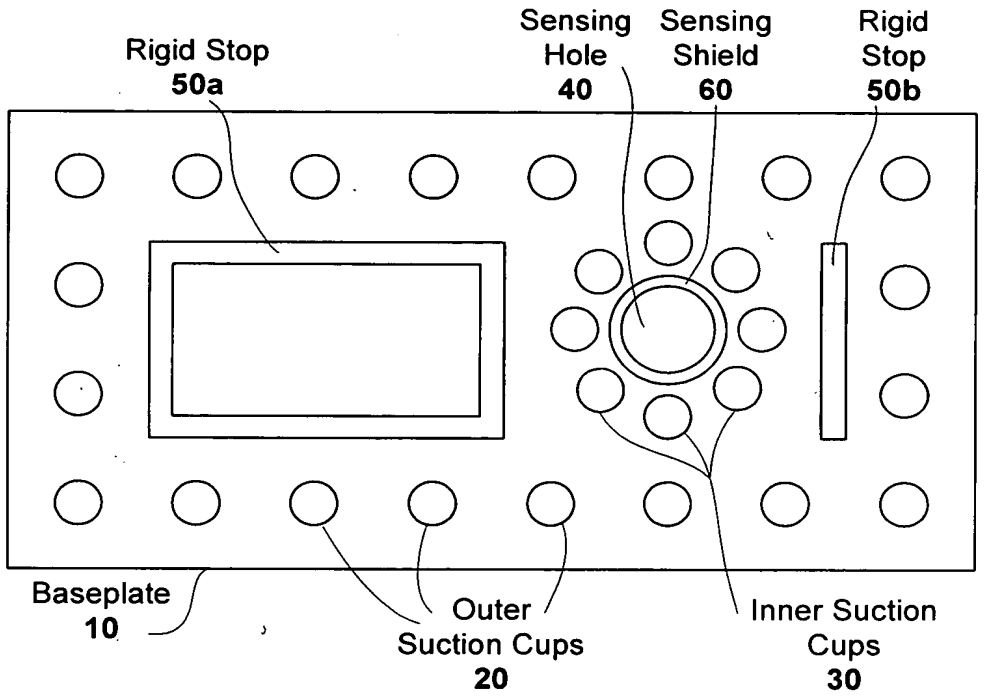
Rigid Stop
50a
Sensing Hole
40
Sensing Shield
60
Rigid Stop
50b
Baseplate
10
Outer Suction Cups
20
Inner Suction Cups
30

Fig. 4

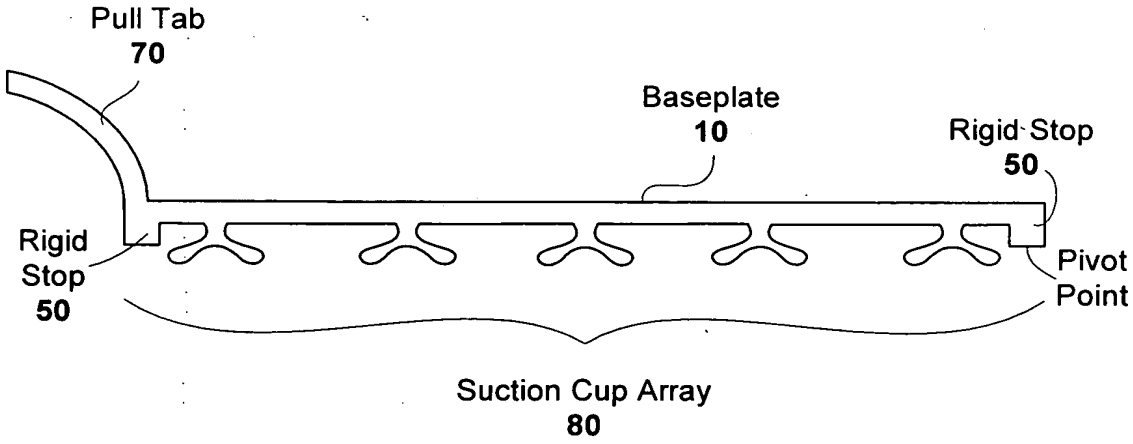
Pull Tab
70
Baseplate
10
Rigid Stop
50
Rigid Stop
50
Pivot Point
Suction Cup Array
80

Fig. 5

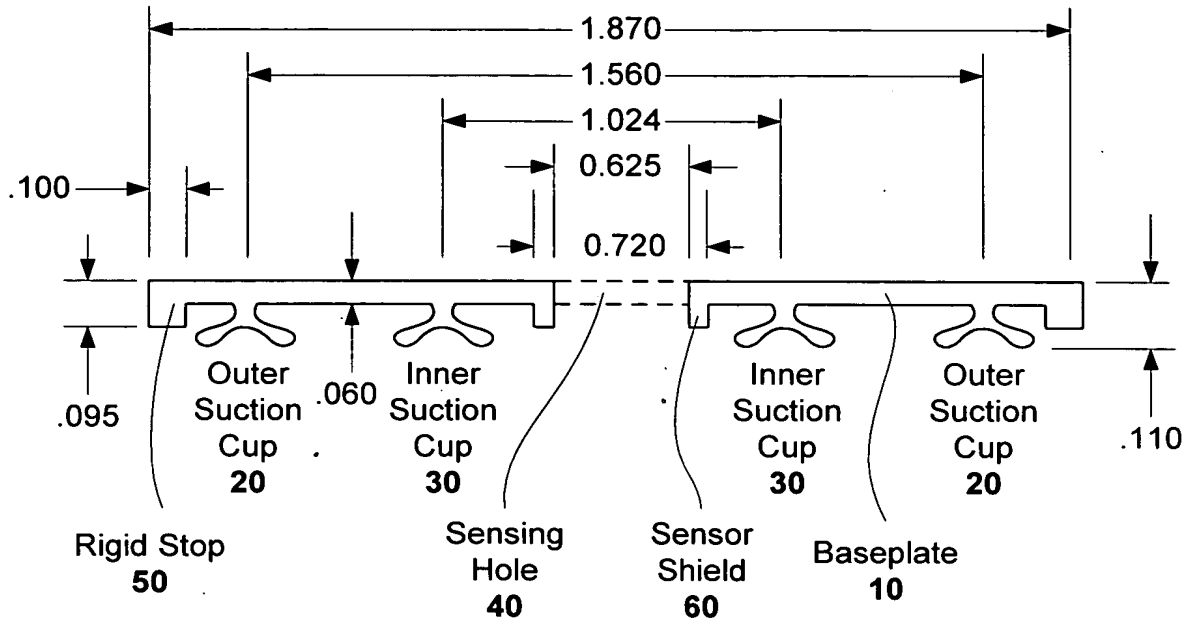
1.870
1.560
1.024
0.625
0.720
.100
.095
.060
.110
Outer Suction Cup 20
Inner Suction Cup 30
Inner Suction Cup 30
Outer Suction Cup 20
Rigid Stop 50
Sensing Hole 40
Sensor Shield 60
Baseplate 10

Fig. 6a

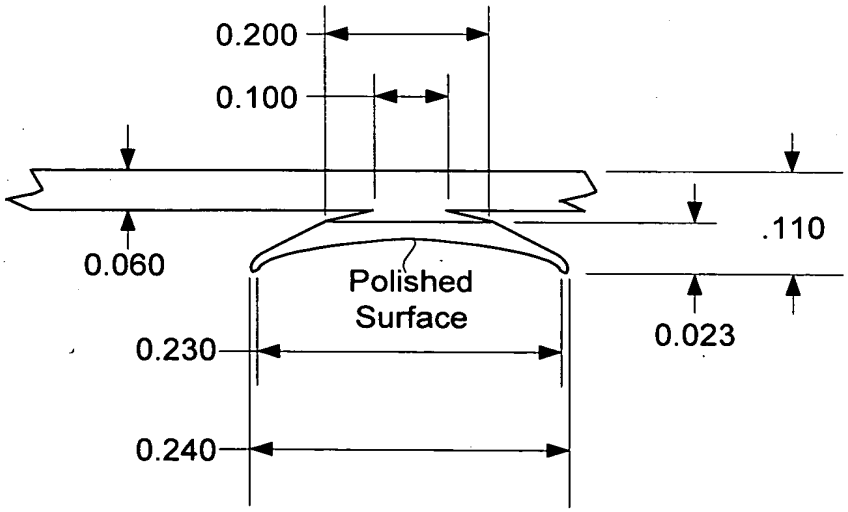
0.200
0.100
.110
0.060
Polished Surface
0.023
0.230
0.240

Fig. 6b

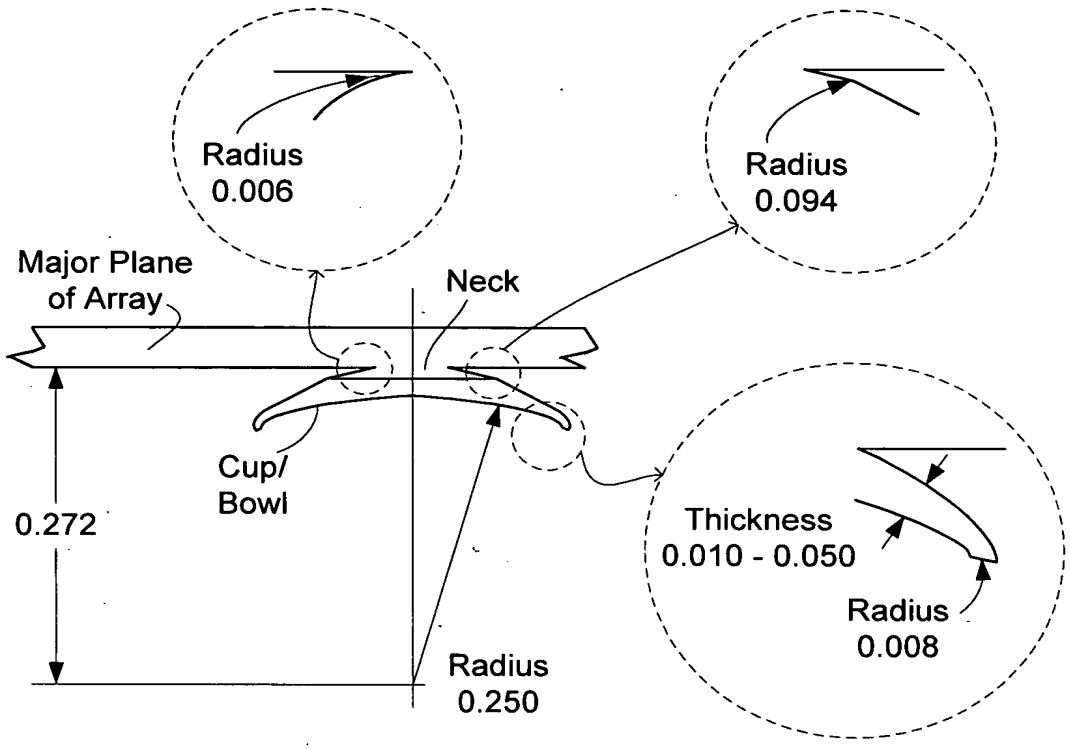
Radius
0.006
Radius
0.094
Major Plane
of Array
Neck
Cup/
Bowl
0.272
Thickness
0.010 - 0.050
Radius
0.008
Radius
0.250

Fig. 6c